ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN L3 AΝ 1996:162168 CAPLUS DN 124:317087 ED Entered STN: 20 Mar 1996 TΙ Reaction of 2-substituted 6-alkoxy-4H-1,3-oxazin-4-ones with some electrophilic and nucleophilic agents ΑU Prep'yalov, A. V.; Yakovlev, I. P.; Ivin, B. A. CS St. Peterburg. Khim.-Farm.-Inst., Russia SO Zhurnal Organicheskoi Khimii (1995), 31(8), 1237-40 CODEN: ZORKAE; ISSN: 0514-7492 PB Nauka DTJournal Russian LA CC 28-13 (Heterocyclic Compounds (More Than One Hetero Atom)) GI

AB Reactions of oxazinones I [R1 = Me, Et, Bu; R2 = Cl3C, (un)substituted phenyl] with HNO3-Ac2O, Br2, NH3, and amines were studied. Nitration and bromination occurred at position 5. The reactions with NH3 and amines gave hydroxypyrimidinones II [R2 = Cl3C, (un)substituted phenyl; R3 = H, Me].

ST oxazinone reaction electrophiles nucleophiles; bromination oxazinone derivs; nitration oxazinone derivs; ammonia recyclization oxazinone derivs; amine recyclization oxazinone derivs; pyrimidinone hydroxy derivs prepn

IT Bromination

Nitration

(of oxazinones)

IT Ring closure and formation

(recyclization, of oxazinones with ammonia and amines)

IT 176100-71-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and hydrolysis of)

(reaction with oxazinones)

IT 13566-71-7P 15726-40-6P 16097-57-7P **176100-72-4P**176100-73-5P 176100-74-6P 176100-75-7P 176100-76-8P 176100-77-9P
176100-78-0P 176100-79-1P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)

IT 29669-12-3 29669-13-4 152574-47-5 152574-48-6 152574-50-0 152574-51-1 152574-57-7 176100-65-5 176100-66-6 176100-67-7 176100-68-8 176100-69-9 176100-70-2

RL: RCT (Reactant); RACT (Reactant or reagent)

(reaction of oxazinones with electrophilic and nucleophilic agents)

IT 74-89-5, Methanamine, reactions 7664-41-7, Ammonia, reactions
RL: RCT (Reactant); RACT (Reactant or reagent)

L1ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN

RN

176100-72-4 REGISTRY Entered STN: 09 May 1996 ED

Propanoic acid, 2-nitro-3-[(4-nitrobenzoyl)amino]-3-oxo-, methyl ester (9CI) (CA INDEX NAME) CN

FS 3D CONCORD

C11 H9 N3 O8 MF

SR CA

LCSTN Files: CA, CAPLUS

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)